

Work Order ID 57490

April 7, 2010 11:22:26 AM

Page 1

Item ID: D350-561-141

Reference:

Revision ID:

Item Name: Single Cargo Mirror Assembly

Start Date: 4/07/10

Start Qty: 1.00

Cust Item ID:

Required Date: 4/07/10

Req'd Qty: 1.00

Customer ID:

Customer Name:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Hours

Sequence ID	Work Center ID	Operation Description	Set Up	Run	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
-------------	----------------	-----------------------	--------	-----	-------------	-----------	-----------	------------	------------	---------------	-------------

Draw Nbr	Revision Nbr
N/A	Rev N/A

100	DC		0.00	0.00							
	Document Control	DOCUMENT CONTROL									
	Memo	Photocopy bluefile and create labels per PPP D350-561-141 CHG003									

8/10/04/15

105	Packaging	Pick Kit	0.00	0.00							
	Packaging										
	Memo										

8/10/04/15 (1)

110	QC	QC4- 100% Inspect kits for completeness	0.00	0.00							
	Quality Control										
	Memo										

8/10/04/15

120	Packaging	Packaging	0.00	0.00							
	Packaging										
	Memo	Identify and pack for shipping as per PPP D350-561-141									

Rev C

10-4-15 SL

130	QC	QC21- Final Inspection - Work Order Release	0.00	0.00							
	Quality Control										
	Memo										

10/04/19
BS 10-4-15 (1)

Picklist Print

April 7, 2010 11:22:15 AM

Page 1

Work Order ID: 57490

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly


Comments: IPP A 07.07.26 new issue (DSI9379) EC verified by:JLM IPP rev
B 10.02.16 per ecn 10-523 EC verified by: DD IPP Rev:C add pick kit
DD 10.03.15 verified by:EC

Start Date: 4/07/10

Required Date: 4/07/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D2011-101		Manufactured	No			105	Each	36.0000	1.0000			
												
6" Mirror												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST228

36

56795

36

D2012-105

Manufactured No

105 Each

5.0000

1.0000

56795

Arm

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST229

5

52669

5

D2012-107

Manufactured No

105 Each

38.0000

1.0000

52669

Clevis

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST004

38

33585

2

40274

16

46634

20

46634

Picklist Print

April 7, 2010 11:22:15 AM

Page 2

Work Order ID: 57490

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly


Comments: IPP A 07.07.26 new issue (DSI9379) EC verified by:JLM IPP rev
B 10.02.16 per cen 10-523 EC verified by: DD IPP Rev:C add pick kit
DD 10.03.15 verified by:EC

Start Date: 4/07/10

Required Date: 4/07/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D2012-111		Manufactured	No			105	Each	25.0000	1.0000			
												
Bracket												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST004

25

40148

25

Manufactured No

105

Each

66.0000



90148

D2012-115



Bracket, Clevis

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST004

66

25581

66

Manufactured No

105

Each

317.0000



25581

D2022-101



Spacer

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST504

317

45885

117

50746

100

52325

100

95885

April 7, 2010 11:22:15 AM

Shop Packet Print

Page 2

Picklist Print

Page 3

April 7, 2010 11:22:15 AM

Work Order ID: 57490



Parent Item: D350-561-141



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 4/07/10

Required Date: 4/07/10

Comments: IPP A 07.07.26 new issue (DSI9379) EC verified by:JLM IPP rev
B 10.02.16 per ecn 10-523 EC verified by: DD IPP Rev:C add pick kit
DD 10.03.15 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D3629-1		Manufactured	No			105	Each	20.0000	110000			
Bracket												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST244A

20

48560

20

D3635-1		Manufactured	No			105	Each	12.0000	110000			
Gasket												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST076

12

52914

12

D3635-3		Manufactured	No			105	Each	62.0000	210000			
Gasket												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST076

62

56399

62

April 7, 2010 11:22:15 AM

Shop Packet Print

Page 3

Picklist Print

April 7, 2010 11:22:15 AM

Work Order ID: 57490



Parent Item: D350-561-141



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 4/07/10

Required Date: 4/07/10

Comments: IPP A 07.07.26 new issue (DSI9379) EC verified by:JLM IPP rev
B 10.02.16 per ecn 10-523 EC verified by: DD IPP Rev:C add pick kit
DD 10.03.15 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D3646-1 		Manufactured	No			105	Each	7.0000	1.0000			
Arm												

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST229

7

52659

1

53892

6

52659

D3646-3 		Manufactured	No			105	Each	14.0000	1.0000			
Arm												

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST229

14

51615

3

52668

8

53893

3

51615

D4070-041 		Manufactured	No			105	Each	91.0000	2.0000			
Clamp												

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST460

91

56381

91

56381

Picklist Print

April 7, 2010 11:22:16 AM

Page 5

Work Order ID: 57490



Parent Item: D350-561-141



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 4/07/10

Required Date: 4/07/10

Comments: IPP A 07.07.26 new issue (DS19379) EC verified by:JLM IPP rev
B 10.02.16 per ecn 10-523 EC verified by: DD IPP Rev:C add pick kit
DD 10.03.15 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN3-4A		Purchased	No			105	Each	1,526.000	3.0000			
Bolt												

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST350	1526	
104214	364	
104291	300	
104322	200	
104374	200	
104625	300	
104817	162	

M104214

AN3-6A	Purchased	No				105	Each	287.0000	140000			
Bolt												

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST351	287	
113149	85	
113288	2	
113359	200	

M113149

April 7, 2010 11:22:16 AM

Shop Packet Print

Page 5

Picklist Print

April 7, 2010 11:22:17 AM

Page 6

Work Order ID: 57490

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Comments: IPP A 07.07.26 new issue (DSI9379) EC verified by:JLM IPP rev
B 10.02.16 per ecn 10-523 EC verified by: DD IPP Rev:C add pick kit
DD 10.03.15 verified by:EC

Start Date: 4/07/10

Required Date: 4/07/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN4-5A		Purchased	No			105	Each	125.0000	3.0000			
Bolt												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST356 125
112933 25
114108 100

M112933

AN4-10A	Purchased	No				105	Each	92.0000	1.0000			
Bolt												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST356 92
111425 42
113422 50

M111420

AN960JD10	Purchased	No				105	Each	0.0000	8.0000			
Washer												

M113706 M114292

AN960JD416	Purchased	No				105	Each	0.0000	8.0000			
Washer												

M114292 M113706

April 7, 2010 11:22:17 AM

Shop Packet Print

Page 6

Picklist Print

April 7, 2010 11:22:18 AM

Page 7

Work Order ID: 57490

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Comments: IPP A 07.07.26 new issue (DSI9379) EC verified by:JLM IPP rev
B 10.02.16 per ecn 10-523 EC verified by: DD IPP Rev:C add pick kit
DD 10.03.15 verified by:EC

Start Date: 4/07/10

Required Date: 4/07/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
MS21042L3		Purchased	No			105	Each	1,355.000	4.0000			



Nut

Warehouse	Loc Qty	Loc Code
Main Warehouse		
ST300	1355	
113537	371	
113644	984	

MS21042L4

Purchased No

105 Each

1,590.000 4.0000



Nut

Warehouse	Loc Qty	Loc Code
Main Warehouse		
ST139	2	
111827	2	
Main Warehouse		
ST300	1588	
113422	580	
114108	1000	
9063	8	

April 7, 2010 11:22:18 AM

Shop Packet Print

Page 7

REFERENCE ONLY

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-561 REV. C

REF. CANADIAN STC: SH91-20 ISSUE 2

REF. FAA STC: SH856NE

To reduce vibration, Dart has developed the D350-561-141/-143 Mirror Installations to replace the D350-561-041/-043 Mirror Installations. For customers with D350-561-041/-043 Mirror Installations at CHG 005 or earlier who would like to upgrade their installation, the DSI 9379-011 Upgrade Kit can be obtained from Dart. The components for DSI 9379-011 Kit are as defined in Section 1.0 below.

Customers upgrading their installation from D350-561-041/-043 to D350-561-141/-143 should follow instructions given in Figures 1 through 5 of DSI 9379 and refer to Installation Instructions D350-561 Rev. C as applicable.

Customers who are installing a D350-561-141/-143, should refer to Figures 2 through 5 of DSI 9379 and refer to Installation Instructions D350-561 Rev. C as applicable.

This service instruction details the D350-561-141/-143 kits at CHANGE 003 or later, which use D4070-041 Clamps (replaces MS21919WDG7 clamps). For -141/-143 kits at earlier change numbers, the DSI-9379-013 Upgrade kit is available to replace the mil-spec clamps with more robust D4070-041 Clamps.

1.0 PARTS LIST

Qty -141	Qty -143	Qty -045	Qty -011	Qty -013	Part Number	Description
X	1				D350-561-141	SINGLE MIRROR INSTALLATION (REPLACES -041)
	X				D350-561-143	DUAL MIRROR INSTALLATION (REPLACES -043)
	1	X			D350-561-045	MIRROR KIT
			X		DSI-9379-011	UPGRADE KIT
				X	DSI-9379-013	UPGRADE KIT
		1			D2011-101	MIRROR
					D2012-105	ARM
					D2012-107	CLEVIS
					D2012-111	BRACKET
		2			D2012-113	CLAMP
					D2012-115	BRACKET
					D2022-101	SPACER
		1			D3014-1	LOCKNUT
			1		D3629-1	BRACKET
			1		D3635-1	GASKET
			2		D3635-3	GASKET
			1		D3646-1	ARM
			1		D3646-3	ARM
			2	2	D4070-041	CLAMP
			3		AN3-4A	BOLT
					AN3-6A	BOLT
			2	2	AN4-5A	BOLT
					AN4-10A	BOLT
			6		AN960JD10	WASHER
			4	4	AN960JD416	WASHER
		1			AN960JD416L	WASHER
			3		MS21042L3	NUT (OR MS21042-3)
			2	2	MS21042L4	NUT (OR MS21042-4)

*INCLUDED AS PART OF D2011-101 MIRROR

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 10.02.12
CERT. NO.: SH91-20
ISSUE NO.: 2

C	D4070-041 WAS MS21919WDG7	CP	10.02.12
B	MS21919WDG7 WAS MS21929WDG7	DC	07.11.28
A	NEW ISSUE	MB	07.07.10
REV.	DESCRIPTION	BY	DATE

DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9379	SHEET 1 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	CARGO MIRROR UPDRAGE KIT	NTS
DATE	10.02.12	COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries